

Title (en)
Front derailleur

Title (de)
Vorderer Umwerfer

Title (fr)
Dérailleur avant

Publication
EP 1433696 A2 20040630 (EN)

Application
EP 03029751 A 20031223

Priority
US 32949902 A 20021227

Abstract (en)
A top pull type front derailleur (12) is designed to move or shift a chain between two or more sprockets for changing gears. The front derailleur (12) basically has a bicycle frame clamping band, a linkage assembly and a chain guide (31). The linkage assembly includes a cable connection point (P) and is arranged between the bicycle frame clamping band and the chain guide (31) to move the chain guide (31) laterally towards and away from the clamping band. The clamping band has a top pull cable guide surface (S) that is configured and arranged relative to the clamping band to guide a cable (18) from vertically above the clamping band to the cable connection point (P) when the front bicycle derailleur (12) is operatively mounted to a bicycle frame. Preferably, the top pull cable guide surface (S) is formed on a peripheral surface of a roller (35) that is rotatably mounted on the clamping band. <IMAGE>

IPC 1-7
B62M 9/12

IPC 8 full level
B62M 9/1342 (2010.01); **B62M 9/135** (2010.01); **B62M 9/137** (2010.01)

CPC (source: EP US)
B62M 9/1342 (2013.01 - EP US); **B62M 9/135** (2013.01 - EP US); **B62M 9/137** (2013.01 - EP US)

Cited by
EP1990268A3; EP1997725A3; EP1780114A3; US8029396B2; US7914407B2; US8439779B2

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